

WHAT IS CLAIMED IS:

1. An electronic apparatus comprising:

a housing including an opening portion and a  
conductive circumference of the opening portion;

5 a receptacle provided inside of the housing, and  
in which a circuit component is removably contained  
through the opening portion; and

a conductive lid removably covering the opening  
portion, the lid having a circumference overlapping the  
10 conductive circumference of the opening portion, and an  
inner surface exposed to the receptacle, wherein

the lid has a shielding wall projecting from the  
inner surface toward the receptacle, and the housing  
has a wall which extends from the conductive  
15 circumference of the opening portion, along the  
shielding wall of the lid, when the lid covers the  
opening portion.

2. The electronic apparatus according to claim 1,  
wherein the shielding wall of the lid and the wall of  
20 the housing overlap each other, surrounding the circuit  
component contained in the receptacle.

3. The electronic apparatus according to claim 1,  
wherein the receptacle has a bottom wall facing the  
opening portion, and the wall is connected to the  
25 bottom wall.

4. The electronic apparatus according to claim 1,  
wherein the lid is made of synthetic resin, the

circumference, the inner surface and the shielding wall of the lid are covered by a conductive layer, and the conductive layer is electrically connected to the conductive circumference of the opening portion when  
5 the lid covers the opening portion.

5. The electronic apparatus according to claim 4, wherein the shielding wall have at least one slit cut from the front end toward the inner surface of the lid, the slit has a bottom continuing to the inner surface  
10 of the lid, and the conductive layer covers the bottom of the slit.

6. The electronic apparatus according to claim 4, wherein the shielding wall have a plurality of slits cut from the front end toward the inner surface of the lid, and an engaging part which is formed between the  
15 adjacent slits and elastically deformable; and the engaging part slidably contacts the wall of the housing when the lid covers the opening portion.

7. The electronic apparatus according to claim 6, wherein the engaging part has a surface facing the wall, and a projection projecting from the surface.  
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8. The electronic apparatus according to claim 1, wherein the circuit component is a memory module having a substrate and a plurality of circuit elements mounted  
25 on the substrate.

9. The electronic apparatus according to claim 1, wherein the circuit component generates electromagnetic

noise during operation.

10. An electronic apparatus comprising:

a housing including an opening portion and a  
conductive circumference of the opening portion;

5 a receptacle provided inside of the housing, and  
in which a circuit component is removably contained  
through the opening portion; and

a synthetic resin lid removably covering the  
opening portion, the lid having a circumference  
10 overlapping the conductive circumference of the opening  
portion, and an inner surface exposed to the  
receptacle, wherein

the lid has a shielding wall projecting from the  
inner surface toward the receptacle, at least one slit  
15 which is cut from the front end of the shielding wall  
toward the inner surface of the lid, and has a bottom  
continuing to the inner surface of the lid, and a  
conductive layer which covers the circumference, the  
inner surface and the shielding wall, and the bottom of  
20 the slit, and is electrically connected to the  
conductive circumference of the opening portion, and

the housing has a wall which extends from the  
conductive circumference of the opening portion, facing  
the shielding wall, when the lid covers the opening  
25 portion.

11. The electronic apparatus according to  
claim 10, wherein the shielding wall of the lid and the

wall of the housing overlap each other, surrounding the circuit component contained in the receptacle.

12. The electronic apparatus according to claim 10, wherein the receptacle has a bottom wall facing the opening portion, and the front end of the shielding wall overlap the bottom wall when the lid covers the opening portion.

13. An electronic apparatus comprising:  
a housing including an opening portion and a conductive circumference of the opening portion;  
a receptacle provided inside of the housing, and in which a circuit component is removably contained through the opening portion; and  
a synthetic resin lid removably covering the opening portion, the lid having a circumference overlapping the conductive circumference of the opening portion, and an inner surface exposed to the receptacle, wherein  
the lid has a plurality of shielding walls projecting from the inner surface toward the receptacle, a conductive layer which covers the circumference, the inner surface and the shielding walls, and electrically connected to the conductive circumference of the opening portion, a plurality of slits which are cut from the front end of the shielding walls toward the inner surface of the lid, and an elastically deformable engaging part which is located

between the adjacent slits, and

the housing has a plurality of walls extending from the conductive circumference of the opening portion, facing the shielding walls of the lid, and the  
5 engaging part of the shielding walls slidably contacts the walls, when the lid covers the opening portion. .

14. The electronic apparatus according to claim 13, wherein the housing is made of metal, and the walls are formed in one body with the housing.

10 15. The electronic apparatus according to claim 13, wherein the shielding walls of the lid and the walls of the housing overlap each other, surround the circuit component contained in the receptacle.

15 16. The electronic apparatus according to claim 13, wherein each slit has a bottom continuing to the inner surface of the lid, and the conductive layer covers the bottom of the slit.

17. The electronic apparatus according to claim 13, wherein the engaging part of the lid has a  
20 projection projecting toward the walls.